EPSON

TM-P60 series

EPSON TM-P60 brings the mobile PoS to customers

The EPSON TM-P60 series is a mobile thermal receipt printer ideally suited for the requirements of the hospitality market and other mobile applications. The compact device, which is worn on the belt, provides outstanding quality throughout particularly long operating periods – a single charge enables the printing of approx. 250 receipts. The **integrated receipt cutter** is a unique feature in wireless receipt printers; it guarantees both easy receipt removal and neat cutting edges. Furthermore, the EPSON TM-P60 is extremely robust in operation: It can survive falls of up to 1.2 metres and is spray and dust resistant. Replacing paper and batteries is rapid and easy, and can be carried out with a single hand.

The mobile all-rounder: EPSON TM-P60

Instant Compatibility

The EPSON TM-P60 is a sophisticated device developed for application with the EPSON T88, thus also featuring the ESC/POS command set. In addition, the TM-P60 is supplied with a Windows driver, OPOS and JavaPOS support to enable operation with all current POS systems and wireless terminals. The integrated RS-232 and **802.11b or Bluetooth** interfaces provide easy connectivity to existing systems.

Safely and practically secured with the integrated belt clip or shoulder strap. Your hands remain free for service.

No more tearing: Integrated receipt cutter

The printer's user-friendly concept enables particularly smooth operation and rapid processing for frequently changing serving staff. A significant component of this concept is the integrated autocutter; when the EPSON TM-P60 prints a receipt, it is automatically cut off – without falling to the ground. Thus, easy removal of the receipt is guaranteed and it is ensured that the customer obtains neatly-edged receipts. Since this also reduces dust permeating into the mechanics, the printer's **reliability is also well above average**. Exactly what you would expect from EPSON.

Quality, speed and endurance

Like all EPSON thermal receipt printers, the TM-P60 provides outstanding printing quality. It can print on paper widths of 58 or 60 mm – at 58 mm width and produces 35, 42 or 52 characters per line (at character sizes 12 x 24, 10 x 24 or 8 x 16 dots) on paper.
In particular, the EPSON TM-P60 features high speed, long operating periods and robustness. Printing up to 80 mm per second max, there are no queues or delays whilst paying. The printer can generally be used for an entire shift as one recharge is sufficient for **approx. 250 receipts**. The optional quick charge unit recharges empty batteries in approximately two hours. The EPSON printer's robust design guarantees a secure return on investment. On street sales, event sales or as parking ticket printer – within one year, depending on use.

Compatible with all current wireless terminals thanks to WLAN interface.

The new member: TM-P60 Peeler for labels

The Epson TM-P60 Peeler enables easy labelling of items, packages and more. Following printing the device peels off labels auto-

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Tel.: +49 (0) 1805 377 661, Fax: +49-(0)2159-538 3000, www.epson.de/rsd, rsd.info@epson.de,
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matically which can then be easily attached – protecting both fingernails and nerves.

So not only the Point of Sale experiences renaissance of mobile freedom. The Epson TM-P60 features entirely new options with regard to services: Coupon and discount promotions are highly flexible and can be used on the entire sales area thus reaching even more clients. **Heating, electricity and water meter-readers** can operate very flexible in future by using a PDA incl. suitable software and the Epson TM-P60. **Delivery and parcel services** will be able to enhance their services with the Epson TM-P60 and simultaneously facilitate the staff's tasks. The Epson multi-purpose printer makes this possible.
Even in **industrial environments** the Epson TM-P60 provides impressive prints thanks to its stability and innovative potential. The Epson TM-P60 Peeler prints labels and the peeler function of the mobile thermal printer simultaneously peels off the labels automatically if required. These minor details enable smoother operation, protecting fingernails and nerves. Whether in **logistic** centers and warehouses, for **stacking or inventory** – the TM-P60 is always at service where labelling with or without EAN code is required.

This particularly user-friendly and foolproof product concept as well as the professional and selfexplaining design has just been awarded the **iF product design award 2006** – one of the most important design prizes.

The TM-P60 Peeler enables fast and reliable label print

Also continous labels on a line paper are possible same as precut papers for shelf tickets

For its outstanding and user friendly design, the TM-P60 received the famous German design award 2006.

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Product feature TM-P60	Your benefit
Mobile thermal printer for wireless operation	Enables wireless cash register processes, irrespective of cash register or PC location
Compatible with applications for the TM-T88III/IV	Rapid, cost-effective integration in current POS software; saves time and money
Integrated RS-232 and 802.11b or Bluetooth interfaces	The cost-effective version of wireless printing combined with convenient serial interfaces for data transfer to the PC/cash register (Bluetooth not yet available for Peeler model)
Print speed up to 80mm/sec.	Printing a regular receipt takes approx. 3 seconds
High performance battery 2,200 mAH	Approx. 250 receipts per charge; just approx. 2 hour charge period with quick charge unit
Receipt does not fall despite integrated autocutter (not for Peeler model)	Neatly cut receipts create positive image; increased reliability due to reduced paper dust
Peeler model for easy label print of different size	Can be used for many applications like e.g. Logistics, photo shops, industry, pharmacies, warehouses...
Compact, rounded case	Easily portable, no snagging on textiles
Survives falls from height of 1.2 m	Extremely robust and durable, even in tough conditions
Functional case, spray and dust resistant	Ease-of-use, easy to clean
Paper and cover sensors	Facilitate use and training
Integrated maintenance counter (lines, cuts, hours)	Rapid and easy analysis of processes implemented; also significant for servicing
High reliability: MCBF: 16 million lines MTBF: 120,000 hours	Stable and durable; Avoids sales losses due to printer and thus increases motivation of sales staff; leads to below-average operating expenses (TCO)
Ultra-sharp graphic printing; crisp lettering	Logos, special offers, coupons or vouchers can be produced
Horizontal and vertical barcode printing	Barcodes complement the printer's range of applications for e.g. warehouse, picking, labelling…
2-D-Codes as PDF-417, QRCode (Peeler-model only)	2D-Barcodes exceed the possibilities for logistic and industrial usage
One-handed, easy paper roll and battery replacement	Time is saved and errors reduced during replacement; brief adjustment period for users
Integrated alarm (e.g. when leaving wireless range)	Facilitates use and training; increases malfunction prevention
Digital LOGO function	For easy printing of company logos, vouchers
Free OLE/POS – OCX driver software for Windows OS	Time and money saved in software development, i.e. increased added value
ESC/POS operating system for EPSON POS printer	Compatibility with all EPSON POS printers and systems; flexibility for future extension via ESC/POS, the familiar code for POS printers
EPSON product	The security of a major partner, experience, support, future security, global service

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Technical data EPSON TM-P60

Printing method	Thermo direct 203 x 203 dpi
Fonts	C: 8 x 16 B: 10 x 24 default A: 12 x 24
Characters per line	Paper width 58mm 60mm C: 52 54 B: 42 43 A: 35 36
Character size (mm)	C: 1.0 x 2.0 B: 1.25 x 3.0 A: 1.5 x 3.0
Print width	Max. 52.5 mm / 54 mm
Character sets	95 alphanumerical, 48 international characters, 128 x 10 character sets 1 space page
Barcodes	UPC-A, UPC-E, JAN8 (EAN), JAN13 (EAN), CODE39, CODE93, CODE128, ITF, CODABAR
2D-Barcodes	PDF-417, QRCode (Peeler model only)
Interfaces	• IEEE 802.11b (2.4GHz) or Bluetooth* (*not for Peeler model) • RS-232; • power supply
IEEE 802.11b	11Mbps, 5.5Mbps, 2Mbps, or 1Mbps. 64bit/128bit WEP (encryption) compliant. 4 kinds of WEP keys for selection
Memory	Input memory: 128 Byte Bit image/user NV: 384 KByte Page mode: 63 Kbyte
Print speed	up to 80 mm/sec.
Paper	Width: 57.5 mm +/-0.5 (standard) or 59.5 mm +/-0.5 Adjustment via removal of adapter max. diameter: 51 mm
Labels (Peeler only)	Black Mark, min. 25,5 mm wide on 29 mm liner paper max. 56 mm wide on 59,5 mm liner paper
Autocutter (not for Peeler)	“Partial cut”
Adapter / Battery	PS-10 / LIP-2500 (2200 mAH) Charge period in deactivated printer approx. 4 hrs Charge time in charge unit (optional) approx. 2 hrs
Reliability	MTBF: 120,000 hrs. MCBF: 16 million lines Autocutter: 500,000 cuts; 500,000 labels (Peeler)
Dimensions	(w x d x h): 103 mm x 159 mm x 65 mm
Colours	Case in EPSON dark grey
Weight	0.67 kg incl. battery
Other Features	• “one-handed” paper roll replacement • Integrated “Auto-Status-Back” function (ASB) • “Paper end” and “Paper near end” sensor • Alarm buzzer
Supplied with	User manual, Battery LIP-2500, sample paper roll, power supply PS-10
Options	Charger unit, replacement battery, RS-232 cable, shoulder strap

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